



KENTUCKY HAMS IN ACTION

NORTHERN KENTUCKY AMATEUR RADIO CLUB - K4CO

P.O. BOX 31, FT. MITCHEL, KY. 41017

DEC. 1975

CLUB MEETING: First Tuesday of the month at 8:00 p.m. Meeting location given below.
Summer meetings held at members' QTH.

CLUB NET: Every Tuesday at 7:30 p.m. on 146.58 mhz fm.

CLUB TRAILER: Located in Erlanger, Ky.

COMING EVENTS

NOV. 22-24 ARRL Sweepstakes Contest -Ph.
29-30 CQ WW DX Contest - CW
DEC. 2 NKARC MEETING
5-6 ARRL 160 mtr Contest
13-14 ARRL 10 mtr Contest
JAN. 3-4 VHF SS Contest
6 NKARC MEETING
24-25 SIMULATED EMERGENCY TEST
FEB. 3 NKARC MEETING
APRIL CANCER DRIVE
JUNE 26-27 Field Day

NEXT MEETING

* TUESDAY, DECEMBER 2, 1975 at 8 p.m. *
* at *
* FRISCH'S RESTAURANT- COVINGTON *
* *
* Located at 5th and Philadelphia St. *
* Basement meeting room - outside entran.*
* on left side of restaurant. *
* NOTE: Please park behind the Texaco gas *
* station part of Frisch's parking lot. *

REGULAR MEETING LOCATION: Will be
Frisch's on 1st Tuesday of every month.
Let's see another good turnout!!

MEMBERS BENEFIT

Coax is expensive, but it costs less for NKARC members. Extra Belden 8214 coax was ordered and is being sold to club members at 18¢ a foot. There should be over 750' still available by the next meeting. (8214 is 32¢ a foot locally).

If enough interest is shown in the coax venture and more is wanted, another order could possibly be placed at a future date. But you must be a club member to get the good rate (membership is only \$2 yr.)

ALUMINUM TUBING ?

Prices are currently being obtained on quantity aluminum tubing for antenna masts and elements. A full report will be given in a coming newsletter.

JANUARY S.E.T.

The Simulated Emergency Test plans have begun. The communications mgr., K4MEE, will head up this years event.

The operation will center around the newly installed 2 mtr antenna at the trailer site. We'll get an idea of what areas can be covered with the new ant.

NOTE: Using a repeater with the 2 mtr antenna during the S.E.T. will enable all mobiles to hear how good the new ant is hearing. Without a repeater, only the base station operator knows the coverage obtained. Also, without a repeater, a mobile often calls in while another one is transmitting. A repeater will eliminate most of this.

K4JBV has stated that the No. Ky. Amateur Repeater Assn.'s repeater is available for TEMPORARY use during the S.E.T. Or maybe WB4VOA has a repeater that can be TEMPORARILY used for this event.

U HAVE A BEAM ?

A master file of literature on beam antennas is being started by Joe Burke, WA8OGS. This file will include specs, assembly instructions, parts #s, and dimensions of all beams (it may take quite a while to gather the info - but you can help).

Why the master file? A number of reasons:

- 1) help you select your next beam
- 2) compare construction techniques
- 3) get dimensions from file and build your own beam - a lot cheaper
- 4) order ant. hardware for that homebrew beam (parts from manufactured beams work great, but you must know the part # to order).

NEEDED: all literature you have on your beam (especially single band). Put the info in an envelope with your name and call and give it to WA8OGS at the next NKARC meeting. The info will be returned to you promptly.

FREQUENCY MEASUREMENTS

A recent FEEDLINE article reported on the frequency measurements of Joe Rice, W4RHZ. The WIAW bulletin listed the Official Umpire's readings as 7 077 803 cycles. W4RHZ's reading was 7 077 803.8 - only .8 cycles difference!!

W4RHZ's other reading was only 10 cycles off. So if Joe gives you a frequency reading, BELIEVE IT !!

NOVEMBER MEETING (NOV. 4, 1975)

Vice-president Bill Mell, WA4KQB, called the meeting to order at 8:20 p.m. The minutes of the previous meeting were approved read. The treasurers' report was also approved as given.

Roger Schmitt, WB4HDW, gave a report on the tower installation at the trailer. K4MEE reported on the coax loss for the installation: 290 foot run, 40 watts in and 16 watts out at the top.

- WB4VOA reported on the insurance forms. K4MEE said the claim was already sent in - could not wait any longer.

- WA4KUB reported on info received from the ARRL. He also read letters concerning donation and spreading of gravel at the trailer parking area.

- WA4KQB will obtain a frame for the ARRL affiliation certificate.

- WB4VOA reported that the 2 mtr G.E. rig should be received by Jan.

- WB4WSG will make up a stand for oil at the trailer. K4MEE will check the trailer furnace.

- It was decided to sell the 8214 coax to club members for 18¢ a foot.

- WB8WHS will audit the treasurer's books before Jan.

- The club officers will meet at K4DMA's on Nov. 18 Tuesday, at 7:30 p.m.

- A committee was set up to plan the S.E.T. K4MEE (chairman), WB4WSG, WA4KQB, WB4VOA. The main purpose will be to check coverage of the new 2 mtr antenna.

- W4JYS made a motion the club buy 200 ft of 7/8" heliax from K4MEE, with the option of withholding payment untill after the Ham-O-Rama. The cost will be \$1 a foot. The motion carried.

- The committee for nominating 1976 officers was set up: WB8WHS, WB4VOA, and WA4KQB.

- The Cancer Drive will be in early April. W4PII will keep club posted on details.

- A Heathkit 301 receiver has been donated to the club by Bob McManis. A letter was written thanking him.

The meeting adjourned at 9:35 p.m.

HAM PUBLICATIONS

A number of hams are not aware of the current magazines dealing with our hobby. So, here goes ...

QST (\$9 yr) 225 Main St., Newington, Conn. 06111

73 (\$8 yr) 73, Inc., Peterborough, N.H. 03458

CQ (\$7 yr) 14 Vanderventer Ave., Port Washington, L.I., N.Y. 11050

WIVES: GOOD XMAS GIFTS HERE

HAM RADIO (\$8 yr) Greenville, N.H. 03048

Other related amateur publications are:

Worldradio News

Ham Radio Newsletter

Radio Communication (British mag.)

VHF Communications (German mag.)

Radio & Electronics Constructor (British mag.)

Write the publications and ask for info on their magazines (some will send a sample copy). Also ask for a list of books available from them on various specialized subjects, e.g. antennas, 2 mtr, vhf, tv, etc. Ham Radio has about a six page pamphlet listing 100's of books dealing with amateur radio and electronics. Copies of some publications can be obtained at Coston's TV (they deal in ham equipment) on Ferguson Road, Western Hills in Cincinnati.

Examine the publications and literature and decide which suits you most. Then send in that subscription (if you are young, consider a life membership), and KEEP UP WITH YOUR HOBBY.

WHO OWNS THE DRAKE ?

Here's the solution to a quiz that appeared a few issues ago:

Joe owns the Drake equipment and Jill likes to operate FAX.

BITS AND PIECES

- Congratulations to Gary, WB4FAT, and his wife on the new arrival. They named her Carle Allison (9 lb 2½ oz on Oct 28) Gary recently moved to Oxford, Ohio.

- Roger Troy got his new license - WB8WHS. His old call was WA4SKP. Roger now lives in Westwood and just recently put up a 40' tower and tri-band.

CLUB TRAILER BRIEFS

- 30 foot tower with 6 db omni directional 2 mtr antenna mounted on water tower catwalk (what a view from up there!).
- Net control used this ant with his HT-220 (a handi-talkie) during Tuesday nite net. All locals could not tell the difference with the low power (about 1 watt at the ant), and even WBSHYP in Dayton copied him.
- 40 foot tower (no guys) with tribander erected next to trailer.
- 8214 coax run to the 2 mtr ant on the water tower. With 50 watts in at bottom, 19 watts was measured at the top (thanks K4MEE and WA4DQY). Long coax run but it works good.
- 7/8" heliax will later be run up the water tower to the 2 mtr ant - will greatly reduce the loss.
- 40 foot tower sits on a 4'x4'x4' hunk of concrete. The hole was started at 9 am and the concrete was delivered at 11:30 am the same morning!
- Rotor and coax must still be installed on the 40' tower. Thanks to K4JBV for repairing the rotor.

COMMITTEE FOR AMATEUR RADIO
P.O. BOX 40201
FOREST PARK, OHIO 45240

WHO OWNS THE TRAILER?

Here's the solution to a puzzle that appeared a few issues ago:
Joe owns the broken equipment and will like to operate FAR.

HITS AND MISSES

- Congratulations to Gary, W4LAT, and his wife on the new arrival. They named her Gail Allison (9 lb 25 oz on Oct 28). Gary recently moved to Oxford, Ohio.
- Roger Troy got his new license - W8BKS. His old call was WA4BXP. Roger now lives in Westwood and just recently put up a 40' tower and tri-bander.

MORE BITS AND PIECES

- Steve Starke finally got his call - it's WB4CTP.
- WB8NUI known as "TV", passed away recently.
- Bill Mell, WA4KQB, passed his General and Advance theory but try the code again.
- Bob Pentz, K4DMA, took his Advance test.
- Joe Burke, WA8QGS, is trying to pass his extra code again in Nov.
- Thanks to WA8KIX for supplying World-radio News to the editor - it often has articles of interest to reprint in our Feedline.
- Thanks to all who participated in the antenna raising party at the trailer.
- Ky license plate request forms are due in Frankfort. Forms were available at the Nov. club meeting.
- Anyone have a copy of Oct. '62 VHF HORIZONS? Please contact WA8QGS at 385-4198.

-USE OF THE TRAILER HAS INCREASED MANY TIMES DURING THE PAST MONTH. KEEP USING IT. AGAIN, THANKS TO ALL WHO HELPED.

NON-PROFIT ORGANIZATION
U.S. POSTAGE

P A I D

Cincinnati, Ohio
Permit # 1866

The meeting adjourned at 9:35 p.m. written speaking his. to the club by Bob Nolen. A letter was - A Heathkit 301 receiver has been donated. VPI will keep club records on details. - The Cancer Drive will be in early April. we set up: W8BKS, W8VVO, and W4KQB. - The committee for nominating 1976 officers The motion carried. Ken-O-Rama. The cost will be \$1 a foot, of withholding payment until after the of 7'6" heliax from K4MEE, with the option - W4YS made a motion the club buy 500 ft of the new 2 mtr antenna. The main purpose will be to check coverage K4MEE (operator), W8VVO, W4KQB, W8VVO. - A committee was set up to plan the A.E.T. on Nov. 18 Thursday, at 7:30 p.m. - The club officers will meet at K4MEE's before Jan.

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